

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Srikanth Gopalan et al.  
 Application No. : 10/511,644  
 Intl Application No. : PCT/US03/11166  
 Intl Filed on : 15 April 2003  
 Confirmation No. : 6246  
 For : HYDROGEN SEPARATION USING OXYGEN ION-  
 ELECTRON MIXED CONDUCTING MEMBRANES  
 Attorney's Docket : BU-098XX

TC Art Unit: 1724

\*\*\*\*\*  
 I hereby certify that this correspondence is being deposited with the  
 United States Postal Service as first class mail in an envelope  
 addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450,  
 Alexandria, VA 22313-1450 on \_\_\_\_\_.

By: \_\_\_\_\_  
 Holliday C. Heine, Ph.D.  
 Registration No. 34,346  
 Attorney for Applicant(s)

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INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

It is desired to cite for the record in this application the enclosed references listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[ ] (1) Pursuant to 37 C.F.R. § 1.97(b)(1) and (2), the attached Information Disclosure Statement is being filed within three months of the filing date of the above identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 of the above

identified application. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

[X] (2) Pursuant to 37 C.F.R. § 1.97(b)(3), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

[ ] (3) Pursuant to 37 C.F.R. § 1.97(b)(4), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

[ ] (4) Pursuant to 37 C.F.R. § 1.97(c), the attached Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:  
[ ] a statement under 37 CFR § 1.97(e); or  
[ ] the fee set forth in § 1.17(p).

PETITION UNDER 37 CFR § 1.97(d)

[ ] (5) Pursuant to 37 CFR § 1.97(d), applicant(s) hereby petitions the Commissioner to consider the attached Information Disclosure Statement which is being filed on or before payment of the issue fee. This petition is accompanied by a statement under 37 C.F.R. § 1.97(e) and the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

[X] (6) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

These references were cited in an International Search Report (copy enclosed) which issued in PCT/US03/11166 filed on the 15 April 2003, copies of these references have been transmitted by the International Bureau. A copy of one non-patent reference is enclosed herewith.

STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

[ ] (7) The undersigned hereby states that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the attached Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Where the status of the application has changed, unknown to the applicant, such that the boxes checked are no longer applicable, the Commissioner is authorized to accept this submission with any additional fees required by that change charged to Deposit Account No. 23-0804.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy 37 C.F.R. § 1.98(a)(3) even if in a foreign language because the codes are the same in all languages. However, applicant(s) does not necessarily adopt the position reflected by that report.

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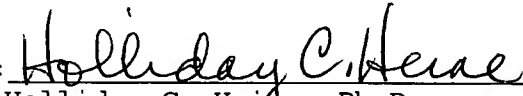
Confirmation No.: 6246

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Triplicate copies of this letter are enclosed.

Respectfully submitted,

SRIKANTH GOPALAN ET AL.

By:



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Date: July 8, 2005

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<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.  BU-098XX		APPLICATION NO.  PCT/US03/11166 (10/511,644)	
				APPLICANT: Srikanth Gopalan et al.			
				INTL FILING DATE 15 APRIL 2003		TC ART UNIT 1724	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
	*	US 3,450,500	6/17/1969	Setzer et al.			
	*	US 3,901,668	8/26/1975	Seitzer			
	*	US 4,019,868	4/26/1977	Sebacher et al			
	*	US 4,120,663	10/17/1978	Fally			
	*	US 4,254,086	3/3/1981	Sanders			
	*	US 4,810,485	3/7/1989	Marianowski et al			
	*	US 6,033,632	3/7/2000	Schwartz et al.			
	*	US 6,468,684	10/22/02	Chisholm et al.			
	*	US 6,569,226	5/27/03	Dorris et al			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
<b>OTHER DOCUMENTS</b> <i>(including Author, Title, Date, Pertinent Pages, etc.)</i>							
		Demin et al., "Transfer Phenomena in an Electrochemical Reactor Based on Mixed Oxide Conductor", Solid State Ionics, Vol. 135, pp. 749-755, (2000). (Copy Enclosed)					
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
<b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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**\*These references were cited in an International Search Report (copy enclosed) which issued in PCT/US03/11166 filed on the 15 April 2003, copies of these references have been transmitted by the International Bureau. A copy of one non-patent reference is enclosed herewith.**